REMARKS

In response to the Examiner's Action mailed August 28, 2001, Applicants propose to amend their application and request reconsideration in view of the proposed amendments and the following remarks. In this Amendment, it is proposed to cancel claims 2, 8, 14, and 16, leaving claims 1, 3-7, 9-13, and 15 pending.

Applicants filed an Information Disclosure Statement shortly before the last Official Action was mailed. Since the Information Disclosure Statement should have reached the file by this time, an indication of consideration of the cited references in the next communication is respectfully requested.

In the Official Action mailed August 28, 2001, the Examiner stated that claims 2, 8, 14, and 16 were allowable although they were dependent claims. In this Amendment, those claims are rewritten in independent form as claims 1, 7, 13, and 15, respectively. The other remaining pending claims, claims 4, 6, and 9-12 are all dependent claims depending from one of the claims indicated to be allowable. Therefore, this Amendment places the application in form for allowance which is earnestly solicited.

In the current Official Action, the Examiner vigorously refuted arguments made in the previous Amendment. By taking the action taken here to place the application in form for allowance, Applicants do not acquiesce to the Examiner's comments. Applicants continue to strongly disagree with the Examiner's interpretation of the patent to Kejha and believe the Examiner's interpretation is flawed. Further, the arguments presented in the previous Amendment are not contradictory. Applicants strongly believe that the Kejha reference is unclear with regard to much of its disclosure. The arguments in the previous response, criticized as inconsistent, merely provided reasons why the claimed invention distinguishes from Kejha no matter which of the two contradictory interpretations is made of the incomplete Kejha disclosure.

Since the foregoing Amendment places the application in form for allowance, no response to the rejections made in the Official Action is necessary. Since entry of the Amendment will end the prosecution, that entry and issuance of a Notice of Allowance

are appropriate and earnestly solicited.

Respectfully submitted,

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PATENT
Attorney Docket No. 400396

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

CHANG et al.

Application No.:	09/416,270	Art Unit:	1745
Filed:	October 12, 1999	Examiner:	T. Dove
For:	LITHIUM POLYMER BATTERY		

SPECIFICATION, CLAIMS, AND ABSTRACT AS AMENDED IN RESPONSE TO THE OFFICIAL ACTION MAILED AUGUST 28, 2001

Amendments to existing claims:

1. (Thrice Amended) A lithium polymer battery comprising:

a positive plate including a positive collector comprising a metal having a plurality of openings and a positive active material layer on at least one surface of the positive collector;

a negative plate including a negative collector comprising ~~a metal~~ copper foil free of holes, and a negative active material layer on at least one surface of the negative collector; and

a separator located between the positive and negative plates, ~~for~~ insulating the positive and negative plates from each other.

4. (Thrice Amended) The lithium polymer battery of claim ~~2~~ 1, wherein the positive and negative active material layers are coatings of positive and negative active material slurries, respectively, on at least one surface of the positive collector and at least one surface of the negative collector, respectively.

7. (Amended) A lithium polymer battery comprising:

a positive plate including a positive collector comprising a metal having a plurality of openings and a positive active material layer on at least one surface of the positive collector;

a negative plate including a negative collector consisting of a ~~metal~~ copper foil free of holes, and a negative active material layer on at least one surface of the negative collector; and

a separator located between the positive and negative plates, ~~for~~ insulating the positive and negative plates from each other.

13. (Amended) A lithium polymer battery comprising a plurality of bi-cells stacked on each other, wherein each bi-cell comprises

a positive plate including a positive collector comprising a metal having a plurality of openings, a positive active material layer on both surfaces of the positive collector, and a positive tap electrically connected to the positive collector;

a negative plate including a negative collector comprising a ~~metal~~ copper foil free of holes, a negative active material layer on both surfaces of the negative collector, and a negative tap electrically connected to the negative collector; and

a separator located between the positive and negative plates, ~~for~~ insulating the positive and negative plates from each other, wherein the positive taps of the bi-cells are connected together as a first terminal of the battery and the negative taps of the bi-cells are connected together as a second terminal of the battery.

15. (Amended) A lithium polymer battery comprising a plurality of bi-cells stacked on each other, wherein each bi-cell comprises

a positive plate including a positive collector comprising a metal having a plurality of openings, a positive active material layer on both surfaces of the positive collector, and a positive tap electrically connected to the positive collector;

a negative plate including a negative collector consisting of a ~~metal~~ copper foil free of holes, a negative active material layer on both surfaces of the negative collector, and a negative tap electrically connected to the negative collector; and

a separator located between the positive and negative plates, ~~for~~ insulating the positive and negative plates from each other, wherein the positive taps of the bi-cells are connected together as a first terminal of the battery and the negative taps of the bi-cells are connected together as a second terminal of the battery.